

REMARKS

Claims 17-20, 23-29 and 40 have been cancelled to expedite prosecution. Such cancellation should not be construed as acquiesce in the rejection. Claim 21 has been placed in independent form. This amendment does not raise any new issues as it places a pending claim in independent form and is appropriate after final rejection.

35 U.S.C. §102 Rejection

The Office Action rejected claims 17-40 under 35 U.S.C. §102(b), as allegedly anticipated by Kinman (U.S. Patent No. 5,834,999). Applicant traverses this rejection.

Claim 21 has been placed in independent form. Claim 21 recites, *inter alia*, "wherein the core of the noise sensing coil comprises steel laminations . . . wherein the steel laminations are H-shaped, the bridges of each H forming the core and the legs of the H forming the two endplates." This feature is not taught by Kinman. In applying Kinman, the Examiner considers coil 20 to be the noise sensing coil. Coil 20, however, completely lacks the features of claim 21. There are no H-shaped laminations in Kinman.

For the above reasons, claim 21 is patentable over Kinman. Claims 22 and 30-39 variously depend from claim 21 and are patentable over Kinman for at least the reasons advanced with reference to claim 21.

The Office Action rejected claims 17-40 under 35 U.S.C. §102(b), as allegedly anticipated by Blucher (U.S. Patent No. 5,530,199). Applicant traverses this rejection.

Claim 21 has been placed in independent form. Claim 21 recites, *inter alia*, "wherein the core of the noise sensing coil comprises steel laminations . . . wherein the steel laminations are H-shaped, the bridges of each H forming the core and the legs of the H forming the two endplates." This feature is not taught by Blucher. In applying Blucher, the Examiner considers secondary bobbin 20 to be the noise sensing coil. Secondary bobbin 20, however, completely lacks the features of claim 21. There are no H-shaped laminations in Blucher.

For the above reasons, claim 21 is patentable over Blucher. Claims 22 and 30-39 variously depend from claim 21 and are patentable over Blucher for at least the reasons advanced with reference to claim 21.

In view of the foregoing remarks and amendments, Applicants submit that the above-identified application is now in condition for allowance. Early notification to this effect is respectfully requested.

If there are any charges with respect to this response or otherwise, please charge them to Deposit Account 06-1130.

Respectfully submitted,

By: 

David A. Fox
Registration No. 38,807
CANTOR COLBURN LLP
55 Griffin Road South
Bloomfield, CT 06002
Telephone (860) 286-2929
Facsimile (860) 286-0115
Customer No. 23413

Date: July 25, 2005